

ABSTRACT

It is possible to easily set the operation of a spectrum analyzer. The spectrum analyzer receives a signal to be measured. The spectrum analyzer includes a display device (28) having a display screen for displaying the signal to be measured with a vertical axis representing a measurement value (power) of the signal to be measured and a horizontal axis representing frequency. Furthermore, a touch panel is provided on the display screen of the display device (28). When a user of the spectrum analyzer touches a point 32a (f_0 , P_0) on the display screen, peak search is performed to detect a maximal value of the measurement value of the signal to be measured in a range of the vicinity of the touched point (frequency f_1 to f_2 , power P_1 to P_2) (wherein $f_1 = f_0 - \Delta f$, $f_2 = f_0 + \Delta f$, $P_1 = P_0 - \Delta P$, $P_2 = P_0 + \Delta P$). Thus, it is possible to easily set the range for performing the peak search.